

WE CLAIM:

1. A method of granting access to a secured service provided by a calling destination, comprising:
 - 5 receiving a telephone number signal from a calling source, said telephone number signal indicating the calling destination;
identifying a directory number corresponding to said calling source;
determining if said calling source has authorization to the
10 secured service provided by the calling destination; and
retrieving an authentication key when said calling source has authorization to the secured service.
2. The method of claim 1, further comprising:
 - 15 providing said authentication key to the calling destination.
3. A computer-useable medium storing a computer program product for use in a communications network, said computer program product comprising:
 - 20 computer-readable code for receiving a telephone number signal from a calling source, said telephone number signal indicating a calling destination;
computer-readable code for identifying a directory number corresponding to said calling source;
25 computer-readable code for determining if said calling source has authorization to a secured service provided by said calling destination;
and

computer-readable code for retrieving an authentication key
when said calling source has authorization to a secured service provided by
said calling destination.

5

4. The compute-useable medium of claim 3, further comprising:
computer readable code for providing said authentication key to
a server in communication with said calling destination.

10

5. A method for operating a communication network, comprising:
providing a trigger to a switch, said trigger indicating an attempt
by a calling source to establish a communication link with a calling destination;
operating said switch to provide a query to a service control
point in response to said trigger, said query including an authorization to
15 establish said communication link between said calling source and said calling
destination;

operating said service control point to retrieve an authentication
key from a database in response to said query when a directory number
corresponding to said calling source is stored within said database.

20

6. The method of claim 5, further comprising:
operating said service control point to provide said
authentication key to a server in communication with said calling destination.

25

7. The method of claim 6, further comprising:
operating said server to provide said authentication key to said
calling destination.

8. The method of claim 6, further comprising:
operating said service control point to remove said
authentication key from said server.

5

9. A communication network, comprising:
a switch operable to receive a trigger indicating an attempt by a
calling source to establish a communication link with a calling destination;

a service control point; and

10 a database operable to store a set of authorized directory
numbers and an authentication key, wherein

said switch is further operable to provide a query to said
service control point in response to said trigger, said query including an
authorization to establish said communication link between said calling source
15 and said calling destination,

said service control point is operable to retrieve said
authentication key from said database in response to said query when a
directory number corresponding to said calling source is listed within said set
of authorized directory numbers as stored within said database.

20

42. The communication network of claim 9, wherein
said service control point is further operable to provide said
authentication key to a server in communication with said calling destination.

25

11. The communication network of claim 42, wherein:
said service control point is further operable to remove said
authentication key from said server after said server provide said
authentication key to said calling destination.

12. A method of operating a communication network, comprising:
operating a calling source to provide a telephone number signal
to a communication network, said telephone number signal representative of
5 a calling destination;

operating said communication network to determine if a
directory number corresponding to said calling source is listed within a set of
authorized directory numbers stored within said communication network, and
operating said communication network to provide an
10 authentication key to a server in communication with said calling destination
when said directory number is listed within said set of authorized directory
numbers.

44. The method of claim 12, further comprising:
15 operating said server to provide said authentication key to said
calling destination.

14. The method of claim 44, further comprising:
operating said communication network to establish a
20 communication link between said calling source and said calling destination;
and
operating said calling destination to provide said authentication
key to said calling source.

25 15. The method of claim 44, further comprising:
operating said communication network to remove said
authentication key from said communication network after providing said
authentication key to said server.

16. A system, comprising:
a calling source;
a calling destination;
5 a communication network in communication with said calling source and said calling destination; and
a server in communication with said calling destination and said communication network, wherein
said calling source is operable to provide a telephone
10 signal to said communication network, said telephone number being representative of said calling destination,
said communication network is operable to determine if a directory number corresponding to said calling source is listed within a set of authorized directory numbers stored within said communication network, and
15 said communication network is further operable to provide an authentication key to said server when said directory number is listed within said set of authorized directory numbers.

17. The system of claim 16, wherein
20 said server is operable to provide said authentication key to said calling destination.

18. The system of claim 17, wherein
said communication network is further operable to establish a
25 communication link between said calling source and said calling destination in response to said telephone number signal; and
said calling destination is operable to provide said authentication key through said communication link to said calling source.

19. The system of claim 16, wherein
said communication network is further operable to remove said
authentication key from said communication network after providing said
5 authentication key to said server.

45. The system of claim 16, wherein
said calling source is a client workstation;
said calling destination is an Internet server; and
10 said communication network includes an advanced intelligent
network.